

## SUPPLEMENT TO

## The Gazette



## of India

No. 4]

NEW DELHI. SATURDAY, JANUARY 25, 1947

## OFFICIAL PAPERS

## Cotton Press Returns

I.—Statement of Cotton pressed in British India for the week ending the 3rd January, 1947  
[Section 5(2) of the Cotton Ginning and Pressing Factories Act, 1925]

Province and Division or Block	NO. OF BALES PRESSED				Districts included in the block
	During the week	During the corresponding week last year	Since 1st September 1946	During the corresponding period last year	
<b>BOMBAY—</b>					
1. The Konkan and the Port of Bombay.	1,249	1,806	20,192	26,372	Thana, Kolaba and the Island of Bombay.
2. Gujarat . . . . .	..	..	25	90	Ahmedabad, Kaira, Broach, Panch Mahals and Surat.
3. North Deccan . . . . .	5,196	2,560	15,871	11,045	West Khandesh, East Khandesh and Nasik.
4. East Deccan . . . . .	288	1,028	8,662	17,709	Ahmednagar, Sholapur and Bijapur.
5. West Deccan and Southern Mahratta Country.	386	1,563	6,848	20,575	Poona, Satara, Ratnagiri, Belgaum, Dharwar and Kanara.
Total for the Province excluding the Konkan and Port.	5,870	5,151	31,306	49,509	NOTE.—Cotton pressed in the Konkan and Port block is mainly re-pressed cotton or cotton waste.
<b>SIND—</b>					
The Province of Sind . . . . .	(j)	21,186	210,401	266,566	All districts in the Province.
<b>BENGAL—</b>					
The Province of Bengal . . . . .	512	359	4,997	2,984	All districts in the Province.
<b>UNITED PROVINCES—</b>					
1. Upper Doab . . . . .	651	..	995	241	Dehra Dun, Saharanpur, Meerut, Bulandshahar, Aligarh, Muzaffarnagar.
2. Middle Doab . . . . .	152	46	312	101	Muttra, Farrukhabad, Etah, Agra, Mainpuri, Etawah.
3. Lower Doab and Bunkhand.	..	..	1,625	..	Cawnpore, Fatehpur, Allahabad, Jhansi, Jalaun, Hamirpur, Banda.
4. Rohilkhand . . . . .	..	..	..	..	Hardoi, Shahjahanpur, Bareilly, Moradabad, Budann, Bijnor, Pilibhit, Naini Tal, Almora, Garhwal.
5. Rest of the Province . . . . .	..	..	..	..	Mirzapur, Benares, Jaunpur, Ghazipur, Azamgarh, Ballia, Gorakhpur, Basti, Gonda, Bahraich, Kheri, Sitapur, Unao, Lucknow, Bara Banki, Rae Bareilly, Sultanpur, Fyzabad, Partabgarh.
TOTAL . . . . .	803	46	2,932	342	
<b>PUNJAB—</b>					
1. Ambala . . . . .	1,545	1,965	(a) 13,677	14,995	Hissar, Rohtak, Gurgaon, Karnal, Ambala
2. Jullundur . . . . .	770	1,384	(b) 5,111	3,848	Kangra, Hoshiarpur, Jullundur, Ludhiana.
3. Lahore . . . . .	3,159	4,977	(c) 17,393	16,471	Lahore, Amritsar, Gurdaspur, Sialkot, Gujranwala, Sheikhupura.
4. Rawalpindi . . . . .	3,782	6,585	(d) 20,213	26,217	Gujrat, Shahpur, Jhelum, Rawalpindi, Attock.
5. Multan . . . . .	29,417	41,400	(e) 178,154	173,200	Montgomery, Lyallpur, Jhang, Multan, Muzaffargarh, Dera Ghazi Khan.
6. Ferozepore . . . . .	3,572	4,998	(f) 33,790	28,594	Simla, Ferozepore, Mianwali.
TOTAL . . . . .	42,245	61,309	268,338	263,325	
<b>CENTRAL PROVINCES—</b>					
1. Jubbulpore . . . . .	..	..	..	..	Jubbulpore, Saugor.
2. Nerbudda . . . . .	..	..	..	..	Hoshangabad.
3. Nimar . . . . .	2,789	3,004	(g) 13,063	12,011	Nimar.
4. Nagpur . . . . .	3,301	5,243	21,116	21,373	Nagpur, Chanda, Wardha, Balaghat, Bhandara.
5. Satpura . . . . .	..	..	104	..	Chhindwara, Betul, Mandla.
6. Chhatisgarh . . . . .	..	..	..	..	Drug, Raipur, Bilaspur.
TOTAL . . . . .	6,090	8,247	34,286	33,384	
<b>BERAR—</b>					
Berar . . . . .	19,346	18,895	(h) 135,375	143,231	Akola, Amraoti, Buldana, Yestmal.
<b>ASSAM—</b>					
The Province of Assam . . . . .	246	151	286	661	All districts in the Province.
<b>AJMER-MERWARA—</b>					
Ajmer-Merwara . . . . .	1,547	464	5,165	2,084	The whole of Ajmer-Merwara.
<b>MADRAS—</b>					
Madras . . . . .	643	2,415	(i) 32,371	59,689	The whole of the Province.
<b>GRAND TOTAL . . . . .</b>	<b>77,802</b>	<b>118,193</b>	<b>725,457</b>	<b>821,775</b>	

NOTE.—There are no cotton pressing factories in Delhi, Bihar, Orissa and North-West Frontier Provinces.

\* For details see Statement III. The Figure in column 4 refers to pressing from 31st August 1946.

(a) Includes 1,687 bales not reported before.

(b) " 1,132 " "

(c) " 860 " "

(d) " 2,001 " "

(e) " 10,229 " "

(f) Includes 2,245 bales not reported before.

(g) " 605 " "

(h) " 4,214 " "

(i) " 763 " "

(j) Return not yet received.

Cotton Press Returns—contd.

II.—Statement of Cotton pressed in certain Indian States for the week ending the 3rd January, 1947

State	No. of Bales Pressed				State	No. of Bales Pressed			
	During the week	During the corresponding week last year	Since 1st September 1946	During the corresponding period last year		During the week	During the corresponding week last year	Since 1st September 1946	During the corresponding period last year
Hyderabad . . . . .	(a)	17,722	50,007	86,402	<b>BOMBAY STATES—</b>				
Baroda . . . . .	(a)	229	2,233	6,884	<b>Western India States Agency—</b>				
Mysore . . . . .	(a)	492	1,776	1,444	Bhavnagar . . . . .	(a)	554	..	2,071
Gwalior . . . . .	(a)				Junagadh . . . . .	..	..	..	..
<b>PUNJAB STATES—</b>					Dhrangadhra . . . . .	(a)	..	5,950	..
Bahawalpur . . . . .	(a)	8,960	7,663	62,266	Morvi . . . . .	..	..	..	..
Nabha . . . . .	(a)	268	6,582	8,112	Cutch . . . . .	(a)	1,019	2,772	1,019
Jind . . . . .	(a)	379	475	3,030	Nawanagar . . . . .	(a)	..	322	170
Faridkot . . . . .	(a)	265	..	3,177	Wadhwan . . . . .	..	..	..	..
Patiala . . . . .	(a)	3,804	14,155	30,213	Gondal . . . . .	..	..	..	..
Malerkotla . . . . .	(a)	..	..	1,484	Wankaner . . . . .	..	..	..	..
Khairpur . . . . .	(a)	384	..	1,065	Porbandar . . . . .	(a)	..	..	1,517
TOTAL PUNJAB STATES . . . . .	..	14,010	28,875	109,947	Limbdi . . . . .	..	..	..	..
<b>RAJPUTANA STATES—</b>					Radhanpur . . . . .	..	..	..	..
Mewar . . . . .	(a)	390	3,181	3,420	Rajkot . . . . .	..	..	..	..
Bikaner . . . . .	691	165	5,947	1,126	Manawadar . . . . .	..	..	..	..
Jodhpur . . . . .	..	..	..	..	Jasdan . . . . .	..	..	..	..
Tonk . . . . .	..	..	..	..	Sardargarh . . . . .	..	..	..	..
Jaipur . . . . .	..	..	..	..	Mul . . . . .	..	..	..	..
Jhalawar . . . . .	..	..	..	..	Sayla . . . . .	..	..	..	..
Shahpura . . . . .	..	..	..	..	<b>Eastern Kathiawar Agency (Wadhwan Civil Station).</b>				
Kishanganh . . . . .	(a)	..	285	..	Katosan . . . . .	..	..	..	..
Kotah . . . . .	..	..	..	..	Lakhtar . . . . .	..	..	..	..
Bundi . . . . .	..	..	..	..	Palitana . . . . .	..	..	..	..
Idar . . . . .	..	..	..	..	Maliya . . . . .	..	..	..	..
TOTAL RAJPUTANA STATES . . . . .	691	555	9,413	4,546	Bantva Majmu . . . . .	..	..	..	..
<b>CENTRAL INDIA STATES—</b>					<b>Gujarat States Agency—</b>				
Indore . . . . .	..	..	..	..	Rajpipla . . . . .	..	..	..	..
Bhopal . . . . .	66	163	352	163	Ohota Udepur . . . . .	..	..	..	..
Narsingarh . . . . .	..	..	..	..	Cambay . . . . .	..	..	..	..
Alipura . . . . .	..	..	..	..	Sachin . . . . .	..	..	..	..
Jaora . . . . .	136	..	136	..	Balasinar . . . . .	..	..	..	..
Ratlam . . . . .	(a)	316	..	316	<b>Pandu Mewas—</b>				
Dhar . . . . .	(a)	1,345	..	2,466	Vaktapur . . . . .	..	..	..	..
Barwani . . . . .	(a)	668	..	1,917	Gothda . . . . .	..	..	..	..
Jhabua . . . . .	..	..	..	..	<b>Deccan States Agency—</b>				
TOTAL CENTRAL INDIA STATES . . . . .	202	2,487	488	4,862	Kolhapur . . . . .	..	..	..	..
					Jamkhandi . . . . .	..	..	..	..
					Sangli . . . . .	..	..	..	..
					Mudhol . . . . .	..	..	..	..
					Miraj . . . . .	..	..	..	..
					Savanur . . . . .	..	..	..	..
					TOTAL BOMBAY STATES . . . . .	..	1,573	9,044	4,777
					GRAND TOTAL . . . . .	898	37,068	101,836	218,862

(a) Statement not yet received.

III.—Statement of Cotton pressed in the Province of Madras for the week ending the 3rd January, 1947

Variety of Cotton	No. of Bales Pressed			
	During the week	During the corresponding week last year	Since 1st February 1946	During the corresponding period last year
Tinnevellies . . . . .	..	319	33,361	47,834
Nadam, Bourbon & Uppam . . . . .	..	..	400	..
Cambodias . . . . .	209	674	(a) 96,804	86,211
Karunganni . . . . .	1	..	(b) 41,092	..
Northerns . . . . .	96	1,422	6,259	1,79,920
Westerns . . . . .	298		(c) 68,748	
Mungari . . . . .	..	..	968	..
Cosanadas . . . . .	39	..	(d) 8,998	10,908
TOTAL . . . . .	643	2,415	256,630	3,24,873

(a) Includes 177 bales not reported before.

(b) " 2 " " "

(c) Includes 513 bales not reported before.

(d) " 71 " " "

DEPARTMENT OF COMMERCIAL INTELLIGENCE }  
AND STATISTICS, INDIA;  
Calcutta, January 15, 1947

A. R. SINHA,  
Director of Statistics.

POST OFFICE FIVE-YEAR CASH CERTIFICATE

A safe and convenient method of investing savings—absolute security, good interest and repayment at any time at the holder's option. These certificates are free of income-tax. In five years' time there is a clear profit of Rs. 1/3 for every Rs. 8/13 invested. This is equivalent approximately to 2 1/2 per cent, compound interest on the amount invested.

If the money invested has to be realised earlier than the due date of maturity, the amounts receivable for each sum of Rs. 8/13 invested will be as follows :

At the end of one year . . . . .	Rs. a. p.	At the end of four years . . . . .	Rs. a. p.
" two years . . . . .	8 15 0	" five years . . . . .	9 9 0
" three years . . . . .	9 2 0		10 0 0
	9 5 0		

Further particulars can be obtained at any Post Office which does Savings Bank business.

Statistics of reported attacks and deaths from cholera, smallpox, plague and other infectious diseases in districts and towns in British India and some of the Indian States during the week ending the 14th December, 1946.

CHOLERA							SMALLPOX		PLAGUE		CHOLERA							SMALLPOX		PLAGUE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Statistics of reported attacks and deaths from cholera, smallpox, plague and other infectious diseases in districts and towns in British India and some of the Indian States during the week ending the 14th December 1946—*contd.*

	CHOLERA		SMALLPOX		PLAGUE			CHOLERA		SMALLPOX		PLAGUE	
	Attacks	Deaths	Attacks	Deaths	Attacks	Deaths		Attacks	Deaths	Attacks	Deaths	Attacks	Deaths
Coorg Province													
Total	..	..	1	..	..	..		..	..	10	4	..	..
Total for w/e 7-12-46	..	..	2	1	..	..		..	..	10	4	..	..
Total for w/e 30-11-46	..	..	19	3	..	1		..	..	..	..	..	..
Total for corresponding week of last year	..	..	..	..	..	..		..	..	..	..	..	..
Assam Province													
Sylhet Distt.	..	..	4	..	..	..		..	..	7	1	3	2
Kamrup Distt.	..	1	..	..	..	..		..	..	..	..	..	..
Total	..	1	..	4	..	..		..	..	..	..	12	12
Total for w/e 7-12-46	..	..	1	..	..	..		..	..	..	..	12	12
Total for w/e 30-11-46	..	12	2	2	1	..		..	..	39	4	..	..
Total for corresponding week of last year	..	3	2	35	7	..		..	..	39	4	..	..
Ajmer-Merwara (Urban)													
Total	..	..	25	10	..	..		..	..	21	2	..	..
Total for w/e 7-12-46	..	..	8	2	..	..		..	..	..	..	22	3
Total for w/e 30-11-46	..	..	10	4	..	..		..	..	2	1	..	..
Total for corresponding week of last year	..	..	..	..	..	..		..	..	1	1	2	1
Baluchistan Province													
Total	..	..	..	..	..	..		..	..	64	22	..	..
Total for w/e 7-12-46	..	..	1	..	..	..		..	..	64	22	..	..
Total for w/e 30-11-46	..	..	3	..	..	..		..	..	..	..	..	..
Total for corresponding week of last year	..	..	3	1	..	..		..	..	1	1	..	..
Grand total for British India													
Grand total for British India for w/e 7-12-46	1,265	828	671	178	1,426	718		10	..	7	3	48	..
Grand total for British India for w/e 30-11-46	1,423	939	693	165	1,081	531		..	..	..	..	..	..
Grand total for British India for corresponding week of last year	1,080	721	1,683	414	844	474		..	..	..	..	..	..
INDIAN STATES AND AGENCIES													
N. W. F. P. Agencies													
North Waziristan Agency	..	..	10	4	..	..		..	..	..	..	..	..
Total	..	..	10	4	..	..		..	..	..	..	..	..
Punjab States													
Kapurthala State	..	..	1	..	..	..		..	..	..	..	..	..
Bilaspur State	..	..	6	1	..	..		..	..	..	..	..	..
Kalsia State.	..	..	..	..	3	2		..	..	..	..	..	..
Total	..	..	7	1	3	2		..	..	..	..	..	..
United Provinces St													
Benares State	..	..	..	..	12	12		..	..	..	..	..	..
Total	..	..	..	..	12	12		..	..	..	..	..	..
Orissa Agency													
Ganjam Agency	..	..	39	4	..	..		..	..	..	..	..	..
Total	..	..	39	4	..	..		..	..	..	..	..	..
Eastern States													
Mayurbhanj State	..	..	2	1	..	..		..	..	..	..	..	..
Sakti State	..	..	6	..	..	..		..	..	..	..	..	..
Gangpur State	..	..	4	..	..	..		..	..	..	..	..	..
Nandgaon State.	..	..	9	1	..	..		..	..	..	..	..	..
Total	..	..	21	2	..	..		..	..	..	..	..	..
Kolhapur and Deccan States													
Kolhapur State	..	..	..	..	22	3		..	..	..	..	..	..
Jamkhadi State	..	2	1	..	..	..		..	..	..	..	..	..
Phalton State	..	..	1	1	2	1		..	..	..	..	..	..
Sangli State	..	..	..	..	3	..		..	..	..	..	..	..
Savanur State	..	..	6	2	..	..		..	..	..	..	..	..
Total	..	2	1	7	3	27	4		..	..	..	..	..
Madras States													
Cochin State	..	..	1	..	2	..		..	..	..	..	..	..
Total	..	..	1	..	2	..		..	..	..	..	..	..
Rajputana States													
Jaipur State	..	..	64	22	..	..		..	..	..	..	..	..
Total	..	..	64	22	..	..		..	..	..	..	..	..
Baroda and Gujrat States													
Baroda State	..	..	1	1	..	..		..	..	..	..	..	..
Total	..	..	1	1	..	..		..	..	..	..	..	..
Mysore State													
Bangalore City	..	..	..	..	2	..		..	..	..	..	..	..
Bangalore Distt.	..	..	..	..	3	..		..	..	..	..	..	..
Mysore City	..	..	..	..	1	..		..	..	..	..	..	..
Mysore Distt.	..	..	3	..	21	..		..	..	..	..	..	..
Mandya Distt.	..	..	3	2	6	..		..	..	..	..	..	..
Kadur Distt.	..	..	..	..	..	..		..	..	..	..	..	..
Chimnoga Distt.	..	..	1	1	..	..		..	..	..	..	..	..
Tumkur Distt.	..	..	..	..	15	..		..	..	..	..	..	..
Kolar Distt.	..	..	10	..	..	..		..	..	..	..	..	..
Total	..	..	10	..	7	3	48		..	..	..	..	..

Statistics of reported attacks and deaths from cholera, smallpox, plague and other infectious diseases in districts and towns in British India and some of the Indian States during the week ending the 14th December 1946—*concl'd.*

		CHOLERA		SMALLPOX		PLAGUE			
		Deaths	Attacks	Deaths	Attacks	Deaths	Attacks	INFLUENZA	
								Attacks	Deaths
<i>Hyderabad State</i>									
Nanded Distt.	.	.	..	..	..	14	10	<i>Bengal Presidency</i>	
Parbhani Distt.	.	.	..	..	..	9	5	Hooghly Distt.	29
Bhir Distt.	.	.	..	..	5	15	10	Khulna Distt.	8
Gulberga Distt.	.	.	..	..	..	2	..	Darjeeling Distt.	5
Bidar Distt.	.	.	..	..	2	5	..	Bogra Distt.	15
Osmanabad Distt.	.	.	..	..	..	1	..	<i>Western States</i>	
Warangal Distt.	.	.	..	..	6	..	..	Bhavnagar State	1
Karimnagar Distt.	.	.	..	..	..	1	..	<i>Rajputana States</i>	
Nizamabad Distt.	.	.	..	..	..	35	22	Jodhpur State	9
Medak Distt.	.	.	..	..	7	2	4	<i>Central India Agency</i>	
Mahbubnagar Distt.	.	..	..	..	4	1	1	Malwa Agency	22
Hyderabad Distt.	.	.	..	..	..	83	17	<i>CEREBROSPINAL FEVER</i>	
Total	.	..	..	24	2	170	69	<i>Bengal Presidency</i>	
<i>Central India Agency</i>									
Gwalior State	.	.	..	..	30	8	..	Calcutta City	8
Indore Agency	.	.	..	..	8	1	..	<i>Bombay Presidency</i>	
Total	.	..	..	38	9	..	..	Bombay City	2
<i>Jammu and Kashmir State</i>									
Kashmir	.	.	9	8	..	..	..	Kaira Distt.	2
Total	.	9	8	..	..	..	..	Sholapur Distt.	1
<i>Grand total for Indian States and Agencies</i>									
		21	9	219	51	262	102	<i>Western States</i>	
<i>Grand total for British India and Indian States and Agencies</i>									
		1,286	837	890	229	1,688	820	Bhavnagar State	1
<i>Central India Agency</i>									
<i>Hyderabad State</i>									
<i>Hyderabad</i>									

NEW DELHI 3 (INDIA); }  
The 18th January, 1947. }

E. COTTER, Colonel, I.M.S.,  
Public Health Commissioner with the Government of India.

Statement showing births and deaths from principal diseases, in towns with a population of over 30,000 in the provinces of British India and some of the Indian States for the week ending the 14th December 1946.

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Total deaths (all causes)	Death rate (annual)*
				Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases			
A. -BRITISH INDIA												
North-West Frontier Province												
Peshawar	154,188	109	37.1	...	...	...	29	1	16	46	17.5	
Mardan	47,387	35	39.5	...	...	...	2	1	4	7	7.7	
Kohat	39,233	25	8.6	...	...	...	...	5	2	7	9.3	
Bannu	37,712	56	77.2	...	...	...	1	...	3	4	5.5	
Dera Ismail Khan	54,727	45	43.7	...	...	...	7	...	1	8	7.6	
TOTAL	333,247	270	42.2	...	...	...	39	7	26	72	11.2	
Punjab												
Hissar	30,453	44	75.3	...	...	...	4	...	2	12	20.5	
Bhiwani	48,220	54	58.4	...	...	...	8	1	5	22	23.8	
Rohtak	55,033	67	63.5	...	...	...	11	...	2	14	13.3	
Rewari	33,020	39	61.6	...	...	...	7	...	5	19	30.0	
Karnal†	43,220											
Panipat†	40,461											
Ambala	49,092	47	49.9	...	...	...	8	...	4	16	17.0	
Hoshiarpur	39,942	31	40.5	...	...	...	8	2	1	11	14.4	
Jullundur	130,526	105	41.9	...	...	...	7	2	11	27	10.8	
Ludhiana	134,599	104	40.3	...	...	...	11	...	6	33	12.8	
Fazilka	33,489	19	29.6	...	...	...	2	1	3	6	9.3	
Ferozepore	44,843	44	51.2	...	...	...	1	1	15	23	32.6	
Lahore	715,261	768	58.3	...	1	...	90	7	67	267	20.3	
Kasur	56,456	58	53.6	...	...	...	4	...	4	23	21.2	
Moga	33,225	38	59.7	...	...	...	3	1	3	13	20.4	
Amritsar	456,978	331	37.8	...	...	...	4	10	39	112	12.3	
Batala	50,458	45	46.5	...	...	...	2	...	7	11	11.4	
Sialkot	137,011	113	43.0	...	...	...	16	1	12	44	16.7	
Wazirabad	30,476	23	39.4	...	...	...	5	...	3	8	13.7	
Gujranwala	98,321	96	50.9	...	2	...	17	1	19	49	26.0	
Gujrat	33,240	53	33.2	...	...	...	1	2	...	5	7.8	
Sargodha	41,572	33	41.4	...	1	...	4	1	4	16	22.6	
Jhelum	31,192	18	30.1	...	...	...	5	...	2	7	11.7	
Rawalpindi	140,794	111	41.1	...	...	...	14	...	10	33	12.2	
Montgomery	44,841	20	23.3	...	...	...	2	...	1	4	4.7	
Lyallpur	84,335	78	43.2	...	...	...	9	1	13	33	20.4	
Jhang Maghiana	57,528	34	30.8	...	...	...	5	2	2	13	11.3	
Chiniot	39,024	44	53.8	...	...	...	15	2	7	25	33.4	
Multan	146,557	141	50.2	...	...	...	...	14	24	30	26.5	
D. G. Khan	36,763	35	49.6	...	...	...	7	5	3	23	32.6	
TOTAL	2,833,249	2,593	47.6	...	4	...	270	54	274	956	17.5	
Delhi Province												
Delhi	614,814	561	47.4	...	8	...	78	8	44	139	15.9	
New Delhi	109,135	62	29.5	...	...	...	2	...	5	40	19.1	
TOTAL	723,949	623	44.7	...	8	...	80	8	49	229	16.4	
United Provinces												
Sitapur	33,400	21	32.8	...	...	...	10	...	1	16	25.0	
Lucknow	411,268	316	40.1	...	...	...	31	17	42	159	20.2	
Cawnpore	566,207	344	31.7	...	1	3	76	16	20	210	19.3	
Agra	285,037	410	75.0	...	...	...	...	13	67	149	27.3	
Benares	284,922	237	43.4	...	...	3	90	10	28	255	46.7	
Allahabad	284,802	197	36.1	...	...	...	1	2	30	58	10.6	
Bareilly	205,246	131	33.3	...	...	...	29	4	33	93	23.6	
Moradabad	159,401	150	49.1	...	...	...	1	7	31	59	19.3	
Meerut	131,049	157	62.5	...	...	...	7	2	14	36	14.3	

\*In the case of those towns in which appreciable changes in population have recently taken place owing to war conditions, the birth and death rates shown in this statement are not accurate estimates.

†Figures not available.

Statement showing births and deaths from principal diseases, in towns with a population of over 30,000 in the provinces of British India and some of the Indian States for the week ending the 14th December, 1946—*contd.*

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Total deaths (all causes)	Death rate (annual)*
				Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases			
United Provinces—contd.												
Koili-Aligarh . . . . .	128,004	60	24.4	...	...	...	9	6	8	31	12.6	
Shahjahanpur . . . . .	119,950	60	26.1	...	...	...	29	3	14	55	23.9	
Saharanpur . . . . .	120,006	95	41.3	...	...	...	7	8	15	50	21.7	
Jhansi . . . . .	81,430	86	55.1	...	...	...	17	...	6	39	25.0	
Mirzapur Bindhashal . . . . .	76,149	94	64.4	...	...	...	10	..	9	50	34.2	
Muttra . . . . .	85,318	77	47.1	...	...	...	..	3	10	26	15.9	
Fyzabad-Ajodhya . . . . .	55,215	32	30.1	...	...	...	5	3	3	22	20.7	
Gorakhpur . . . . .	98,010	80	42.6	...	...	...	16	12	8	56	29.8	
Farrukhabad-cum-Fatehgarh . . . . .	61,222	67	57.1	...	...	...	17	4	9	40	34.1	
Etawah . . . . .	56,404	63	58.2	...	...	...	5	10	7	36	33.3	
Budaun . . . . .	55,608	59	55.3	...	...	...	14	...	2	19	17.8	
Amroha . . . . .	61,329	94	79.3	...	...	...	6	6	19	46	38.8	
Sambhal . . . . .	59,001	104	91.9	...	...	...	8	4	15	31	27.4	
Dehra Dun . . . . .	66,128	42	33.1	...	...	...	2	1	10	22	17.3	
Hathras . . . . .	50,839	62	63.6	...	...	...	4	1	7	22	22.6	
Jaunpur . . . . .	48,651	23	24.7	...	...	...	5	..	5	16	17.1	
Pilibhit . . . . .	48,879	39	41.6	...	...	...	13	4	9	40	42.7	
Muzaffarnagar . . . . .	52,843	50	49.3	...	...	...	7	..	...	12	11.8	
Bahraich . . . . .	43,259	28	27.8	...	...	...	9	2	2	13	15.7	
Hardwar Union . . . . .	44,844	23	26.7	...	...	...	8	2	8	24	27.9	
Khurja . . . . .	37,562	35	48.6	...	...	...	3	..	13	19	26.4	
Ferozabad . . . . .	48,988	30	31.9	...	...	...	2	...	2	9	9.6	
Hapur . . . . .	38,364	26	35.3	...	...	...	3	2	5	14	19.0	
Ghazipur . . . . .	38,368	14	21.9	...	...	...	5	...	...	6	9.4	
Balrampur . . . . .	43,888	9	10.7	...	...	...	9	1	1	12	14.3	
TOTAL . . . . .	3,977,091	3,315	43.3	...	1	6	458	143	453	1,745	22.8	
Bihar												
Patna . . . . .	184,249	48	13.5	1	..	..	10	1	1	27	7.6	
Biha . . . . .	58,583	40	35.5	..	...	..	2	..	...	7	6.2	
Dinapur Nizamat . . . . .	33,574	11	17.0	..	..	..	2	..	1	4	6.1	
Gaya . . . . .	114,407	16	7.2	..	1	..	49	13	15	126	57.3	
Arrah . . . . .	55,362	6	5.6	...	..	..	5	1	..	7	6.5	
Chapra † . . . . .												
Bettiah . . . . .	31,572	5	8.2	..	..	..	4	..	1	6	9.8	
Muzaffarpur . . . . .	59,982	20	17.3	..	..	..	4	1	..	17	14.7	
Darbhanga . . . . .	73,752	24	16.9	..	...	..	15	2	..	19	13.0	
Monghyr † . . . . .												
Jamalpur . . . . .	44,232	9	10.5	..	..	..	1	3	..	7	8.2	
Bhagalpur . . . . .	98,272	41	21.6	10	..	..	8	2	..	26	13.7	
Ranchi . . . . .	56,130	15	13.8	..	..	..	14	..	1	22	20.3	
Purulia . . . . .	32,829	7	11.0	..	..	..	2	..	1	3	4.7	
Jamshedpur . . . . .	183,362	51	14.4	..	..	..	2	2	3	16	4.5	
TOTAL . . . . .	1,026,306	293	14.8	11	..	..	118	25	23	287	14.5	

†Figures not available.



Statement showing births and deaths from principal diseases, in towns with a population of over 30,000 in the provinces of British India and some of the Indian States for the week ending the 14th December, 1946—*contd.*

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Deaths rate (annual)*	
				Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Total deaths (all causes)		
Orissa												
Berhampur	46,623	40	44.8	...	...	...	7	2	4	23	25.8	
Cuttack	79,107	40	26.4	...	...	...	6	5	..	32	21.3	
Puri	42,916	35	42.3	...	...	...	7	2	2	36	43.5	
TOTAL	168,646	115	35.5	..	.	...	19	9	6	91	28.1	
Bengal Presidency												
Burdwan	75,332	27	18.7	...	...	...	1	1	2	8	5.5	
Asansol †												
Bankura	54,570	7	6.7	...	...	..	1	...	...			
Midnapur	49,118	21	21.2	..	...	...	5	3	2	18	19.1	
Hooghly-Chinsura	57,854	32	28.8	...	...	...	3	7	4	25	22.5	
Serampur	64,021	27	22.0	...	...	...	4	3	7	26	21.2	
Champdani	35,283	26	38.4	...	...	...	...	...	...	4	5.9	
Howrah	461,649	100	11.3	1	...	...	21	61	50	242	27.3	
Tolly	61,090	15	12.8	...	...	...	2	2	...	8	6.8	
South Suburban	76,268	30	20.5	...	...	...	3	8	1	20	13.7	
Tollygunj	76,791	8	5.4	...	1	...	1	...	1	4	2.7	
Garden Reach	36,773	23	2.6	...	...	...	4	3	2	11	5.7	
Budge-Budge	63,731	4	1.2	1	...	...	5	3	1	9	12.8	
Baranagar			2.5							17	13.9	
Kamarhati †												
Titagarh	61,591	30	25.4	..	...	...						
Naihati	48,222	14	15.1	...	...	...						
Bhatpara	134,148	58	22.5	...	...	...	161					
Calcutta	2,612,955	747	14.9	5	7	...	1					
Krishnagar	36,139	5	7.2	...	...	...						
Nabadwip	36,834	31	43.9	28	...	...	12	5	3	30		
Berhampur	49,109	9	9.6	1	...	...	12	...	4	7	9.	
Khulna	38,485	4	5.4	...	...	...	1	...	...			
Rajshahi	48,093	14	15.2	...	...	...	1	...	4	8	8.	
Rangpur	41,125	29	36.8	...	...	...	1	...	...	12	15.2	
Palna	37,845	8	11.0	...	...	...	1	1	...	5	6.9	
Birajganj	47,200	1	1.1	..	...	...	3	1	2	9	9.9	
Dacca	253,058	114	23.5	...	...	...	21	3	3	68	14.0	
Barayanganj	67,644	54	41.6	...	...	...	15	3	...	32	24.7	
Symensingh	64,934	5	4.0	...	..	...	16	5	3	36	28.9	
Barisal	74,972	37	25.7	...	...	...	5	5	7	20	13.9	
Chittagong	113,180	20	9.2	...	...	...	7	...	...	11	5.1	
Comilla	57,582	8	7.2	...	...	...	2	3	...	8	7.2	
Brahmanbaria	40,810	...	...	..	...	...	2	...	...	5	6.4	
Bandpur	53,020	2	2.0	..	...	...	1	1	...	8	7.9	
TOTAL	5,130,251	1,530	15.6	36	8	...	373	245	323	1,808	18.4	

† Figures not available.

Statement showing births and deaths from principal diseases, in towns with a population of over 30,000 in the provinces of British India and some of the Indian States for the week ending the 14th December, 1946—*contd.*

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Total deaths (all causes)	Death rate (annual)
				Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases			
Central Provinces												
Nagpur	272,472	255	43.6				27	5	15	133	25.4	
Nagpur Civil Station.	75,773	36	24.8					7	1	9	6.2	
Wardha	33,042	11	17.3				3			9	14.2	
Chanda	39,778	34	44.5				19			19	24.8	
Jubbulpore	159,379	173	56.5				16	4	32	71	23.2	
Saugor	57,250	59	53.6				14	2	...	37	33.6	
Khandwa	40,557	38	48.7				12	..	3	26	33.3	
Burhanpur	59,278	54	47.4				19		2	33	28.8	
Rupur	73,107	36	25.6				6			6	4.1	
Bilaspur	40,704	24	30.6				5			14	17.8	
Amraoti	70,046	57	42.3				4	1	3	24	17.8	
Ellichpur	33,011	33	52.0				8			14	22.1	
Akola	70,527	75	51.3				19	1	2	42	31.6	
Hinganghat	30,941	26	43.7				3	2	2	16	26.9	
TOTAL	1,055,865	911	44.9				155	22	60	453	22.3	
Bombay Presidency												
Bombay	1,665,083	1,113	34.7				20	22	152	606	18.9	
Jalgaon	56,228	35	32.4				8		3	22	20.3	
Amalner	40,668	23	29.4				6		8	22	28.2	
Bhusawal	40,811	27	34.4				6		2	12	13.3	
Dhulia	60,588	43	36.9						2	10	8.6	
Nasik	55,928	46					10	2	5	34	31.6	
Malegaon†	48,100								...		...	
Bandra	43,737	21	24.9					4	3	29	17.1	
	34,059	27	41.2				1	2	2	13	15.4	
	210,115	171	42.3				8	2	4	19	29.0	
	67,293	46	35.5		1		23	5	23	96	23.8	
	52,872	60	58.8				14	..	10	28	21.6	
	741,278	570	39.9				15	1	1	23	22.5	
	289,277	158	28.4				37	3	61	268	17.8	
	240,021	305	66.1				30	7	38	165	29.7	
Surpur	35,393	20	29.4				6	8	45	118	25.6	
Barsi	38,695	32	43.0			2	4	2	6	24	35.3	
Ahmednagar	60,753	62	53.1				4		4	19	25.5	
Bijapur	53,885	24	23.2				7		8	26	22.3	
Belgaum	69,066	53	41.2				4	2	6	27	26.1	
Dharwar	51,773	24	24.1				3		5	16	12.0	
Hubli	101,922	69	35.2					1	2	8	8.0	
Gadag-Betgeri	61,846	42	35.3				9			27	13.8	
Godhra	45,655	18	20.5				11	2	5	32	23.7	
Satara	37,372	31	43.1				6		..	10	11.8	
Parle Argheri	49,741	20	20.9				7	1	6	23	32.0	
TOTAL	4,292,168	3,105	37.6		1	2	244	65	402	1,686	20.4	
Sind												
Karachi	419,065	518	64.3									
Hyderabad	144,321	93	33.2		1			5	66	159	19.7	
Sukkur	67,266	87	67.5				5	1	10	57	20.5	
Shikarpur	63,152	83	68.3				17	2	4	30	23.2	
TOTAL	693,804	781	58.7		2		50	9	80	287	21.6	

†Figures not available.

Statement showing births and deaths from principal diseases, in towns with a population of over 30,000, in the provinces of British India and some of the Indian States for the week ending the 14th December 1946 — *contd.*

Name of town	Mid-year estimated population (1946)	Births	Birth rate annual *	Deaths from:—							Total deaths (all causes)	Death rate (annual)*
				Cholera	Smallpox	Plague	Fever	Dysentery and diarrhoea	Respiratory diseases			
Madras Presidency												
Vizagapatam	77,144	75	50.6	...	...	...	2	...	6	22	14.8	
Vizianagram	55,509	58	54.3	...	...	...	2	1	2	22	29.6	
Oceanada	80,041	60	39.0	...	...	...	1	...	2	25	16.3	
Rajahmundry	80,452	63	40.7	...	...	...	7	1	2	28	18.1	
Ellore	68,954	67	50.5	...	...	...	...	2	4	17	12.8	
Bezwada	99,922	114	59.3	...	...	...	...	...	4	25	13.3	
Masulipatam	60,330	39	33.6	...	...	...	3	1	4	17	14.7	
Puttur	63,423	102	56.8	...	...	...	10	4	6	53	29.5	
Tenali	43,871	38	45.0	...	...	...	...	...	1	11	13.0	
Nellore†	61,872											
Madras	892,727	929	53.9	...	1	...	45	72	157	648	37.0	
Conjeevaram	79,637	90	58.8	...	...	...	1	7	13	43	28.1	
Cuddalore	61,474	44	37.2	...	...	...	1	1	6	22	18.6	
Trichinopoly	168,484	113	34.9	...	...	...	1	16	19	112	34.0	
Tanjore†												
Kumbakonam	69,509	80	59.8	...	...	...	3	4	6	55	41.1	
Negapatam	55,289	56	52.7	...	...	...	1	2	3	21	19.8	
Mayavaram	33,086	38	59.1	...	...	...	1	3	3	20	31.4	
Madura	612,296	242	46.7	...	...	...	21	16	54	176	34.0	
Dindigul	63,027	62	51.2	...	...	...	3	10	3	54	44.6	
Virudhunagar	35,348	49	72.1	...	...	...	1	3	2	22	32.4	
Palam Cottaht												
Srivilliputtur	35,847	30	43.5	...	...	...	...	1	4	22	31.9	
Rajapalayam	50,342	51	52.7	...	...	...	1	9	13	43	44.4	
Tuticorin	83,731	83	51.5	...	...	...	...	2	19	80	49.7	
Tinnevely	62,596	56	46.5	...	...	...	...	5	7	33	27.4	
Vellore	70,096	99	65.0	...	...	...	...	6	10	51	35.5	
Tiruvannamalai	36,673	36	51.0	...	...	...	3	7	1	33	40.8	
Guddiyattam	36,927	28	39.4	...	...	...	2	...	3	16	22.5	
Vinnyambadi	35,729	13	18.9	...	...	...	...	...	...	7	10.2	
Salem	144,380	128	46.1	...	...	...	1	3	14	49	17.6	
Coimbatore	149,095	136	47.6	...	...	2	2	15	10	92	32.2	
Erode	42,582	59	72.0	...	...	...	2	4	4	25	30.5	
Tiruppur	41,120	32	40.5	...	...	...	...	2	3	17	27.8	
Kurnool	59,551	50	51.5	...	...	...	5	...	5	27	27.8	
Bellary	60,723	68	58.2	...	...	...	4	3	13	29	24.8	
Adoni	35,324	24	35.3	...	...	...	1	...	4	10	14.7	
Mangalore	88,701	88	51.6	...	...	...	5	1	10	33	19.3	
Calicut	140,795	134	40.4	...	...	...	4	1	10	40	14.8	
Palghat	58,413	43	38.8	...	...	...	1	...	3	23	20.5	
Dannanore	34,878	26	38.8	...	...	...	...	1	3	11	16.4	
Tellicherry	39,505	19	25.1	...	...	...	...	...	1	6	7.9	
TOTAL	3,694,847	3,522	49.7	...	1	2	124	203	440	2,043	28.8	
Ajmer-Merwara												
Ajmer	162,047	189	60.6	...	9	...	56	9	24	120	38.5	
Beawar	41,189	38	48.0	...	1	...	13	...	5	23	29.0	
TOTAL	203,236	227	58.1	...	10	...	69	9	29	143	36.6	

† Figures not available.

Statement showing births and deaths from principal diseases in towns with a population of over 30,000, in the provinces of British India and some of the Indian States for the week ending the 14th December 1946—*concl'd.*

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Total deaths (all causes)	Death rate (annual)*
				Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases			
B.—INDIAN STATES												
Nawanagar State												
Jamnagar City . . . . .	80,404	49	31.8	..	..	..	11	..	3	17	11.0	
Cochin State												
Mattancheri . . . . .	60,653	39	33.5	..	..	..	5	..	4	16	13.8	
Ernakulam . . . . .	52,204	40	40.0	..	..	..	2	..	1	8	8.6	
Trichur . . . . .	63,854	26	21.2	..	..	..	2	..	3	9	7.4	
Mysore State												
Bangalore City . . . . .	288,856	314	56.5	..	..	1	7	15	15	130	23.4	
Mysore City . . . . .	173,686	145	43.4	..	..	2	11	4	3	37	26.0	
Kolar Gold Fields . . . . .	159,864	115	37.4	..	..	..	..	1	3	31	10.1	
Jaipur State												
Jaipur City . . . . .	189,335	73	20.0	..	..	..	20	3	8	78	21.4	
Jodhpur State												
For w/e the 16th December, 1946												
Jodhpur City . . . . .	143,967	63	22	..	..	..	29	2	2	33	11.0	
Patiala State												
Patiala City . . . . .	77,701	79	52.7	..	..	..	10	1	11	31	20.7	
Baroda State												
Baroda City . . . . .	171,585	160	48.6	..	..	..	61	6	7	89	26.0	
Navsari City . . . . .	41,338	39	47.6	..	..	..	11	..	..	21	26.4	
Patan City . . . . .	40,133	41	53.1	..	..	..	21	..	1	23	36.8	
Porbandur State												
For w/e the 13th December, 1946												
Porbandar . . . . .	56,552	44	40.5	..	..	..	9	1	2	14	12.9	
Cambay State												
Cambay City . . . . .	36,552	51	72.5	..	..	..	18	2	2	22	31.2	
Bhopal State												
Bhopal City . . . . .	82,820	134	84.1	..	1	..	5	..	3	8	10.7	
Mewar State												
For w/e the 12th December, 1946												
Udaipur City . . . . .	66,971	11	8.5	..	..	..	2	1	..	10	7.8	

Statement showing births and deaths from principal diseases, in towns with a population of over 30,000, in the Provinces of British India and some of the Indian States for the week ending the 14th December, 1946—*conold*

Name of town	Mid-year estimated population (1946)	Births	Birth rate (annual)*	Deaths from :—							Total deaths (all causes)	Death rate (annual)*
				Cholera	Smallpox	Plague	Fever	Dysentery and diarrhoea	Respiratory diseases			
ARREARS RETURN												
Bihar Province												
For week the 19th October, 1946												
Bihar	58,583	23	20.4	2	...	...	...	...	...	...	4	3.5
Muzaffarpur	59,982	30	20.0	...	...	...	7	...	...	...	29	25.1
For week the 7th December, 1946												
Arrah	55,362	6	5.6	...	...	...	6	...	...	...	7	6.5
Bombay Presidency												
For week the 26th Oct., 1946												
Kalyan	34,059	33	50.4	...	...	...	6	...	...	1	11	16.8
For week the 2nd Nov., 1946												
Kalyan	34,059	34	51.9	...	...	...	1	1	...	2	7	10.1
For week the 23rd Nov., 1946												
Kalyan	34,059	9	13.7	...	...	...	4	1	...	5	16	24.4
Bengal Presidency												
For week 27th July, 1946												
Bankura	54,570	14	13.4	...	...	...	1	...	...	...	3	2.9
Kamarhati	49,057	25	26.6	...	...	...	2	1	...	...	7	7.4
Bhaupara	134,148	11	4.3	...	...	...	3	1	...	...	7	2.7
Chandpur	53,020	2	2.0	...	...	...	2	2	...	...	7	6.9
Hooghly-Chinsura	57,854	5	4.5	...	...	...	1	...	...	...	3	2.7
For week 30th Nov., 1946												
South Suburban	76,268	23	15.7	...	...	...	9	7	...	2	34	23.2
Garden Reach	100,825	14	7.2	...	...	...	7	3	...	...	19	9.8
Kamarhati	49,057	25	26.6	...	...	...	2	2	...	2	11	11.7
For week 7th Dec., 1946												
Asansol	68,869	6	4.5	...	...	...	...	...	...	...	5	2.3
Kamarhati	49,057	11	11.7	...	...	...	2	2	...	2	7	7.4
Assam												
Assam	Week Ending											
Sylhet	21-9-46	31,696	13	21.3	...	...	...	1	...	1	6	9.4
"	28-9-46	"	18	29.5	...	...	...	...	...	...	4	6.6
"	5-10-46	"	4	6.6	...	...	...	...	...	...	1	1.6
"	19-10-46	"	40	...	...	...	...	...	...	...	8	13.1
"	26-10-46	"	27	44.3	...	...	...	1	1	1	7	11.6
Gauhati	17-8-46	33,758	10	15.4	...	...	...	2	...	...	9	14.0
"	24-8-46	"	15	23.1	...	...	...	2	...	...	5	7.7
"	31-8-46	"	3	...	...	...	...	2	...	...	6	9.2
"	7-9-46	"	14	21.6	...	...	...	2	...	...	8	12.4
"	14-9-46	"	9	14.0	...	...	...	1	...	...	7	10.8
"	21-9-46	"	18	22.7	...	...	...	...	...	...	2	3.1
"	28-9-46	"	7	10.8	...	...	...	...	...	...	...	...
"	5-10-46	"	11	16.9	...	...	...	3	...	1	4	6.2
"	12-10-46	"	8	12.4	...	...	...	3	...	1	4	6.2
"	19-10-46	"	21	31.9	...	...	...	5	...	1	15	23.1
"	26-10-46	"	10	15.4	...	...	...	...	...	...	3	4.6
Shillong	14-9-46	44,411	35	41.0	...	...	...	2	...	1	8	9.4
"	21-9-46	"	32	37.6	...	...	...	...	...	2	8	9.4
"	28-9-46	"	12	14.1	...	...	...	2	...	...	3	3.5
"	5-10-46	"	1	1.2	...	...	...	...	...	...	...	...
"	12-10-46	"	9	10.6	...	...	...	...	...	...	...	...
"	19-10-46	"	20	23.4	...	...	...	3	...	2	9	9.9
"	26-10-46	"	26	30.5	...	...	...	1	1	1	6	7.0

## REMARKS

During the week ending the 14th December, 1946, in British India and in the Indian States shown in this statement, the total number of deaths recorded in 220 towns having a population of 30,000 and over was 10,432. The mid-year estimated population of these towns was 25,919,134 and the death rate was 20.9 per thousand of the population. Births in the same towns numbered 18,708 giving a birth rate of 37.5 per thousand of the population. In British India alone the corresponding birth and death rates were 37.2 and 21.1 per thousand of the population respectively.

(A) *British India*.—The following towns in British India returned a birth rate of 50 or over per thousand of the population.

Nabadwip (70.6) and Gaya (57.3).

The high death rate in Nabadwip is mainly due to deaths from cholera. The high death rate in Gaya was to some extent due to the large number of deaths from fevers.

NEW DELHI (INDIA);  
The 16th January, 1947. }

In 201 towns in British India, there were 47 deaths from cholera, 35 deaths from smallpox and 10 deaths from plague. Of the deaths from cholera Nabadwip recorded 28; Bhagalpur 10; Delhi 9 Calcutta 5; Patna, Howrah, Baranagar and Berhampur (in Bengal) one each. Of the deaths from smallpox Ajmer recorded 9; Calcutta 7; Gujranwala 2; Lahore, Sargodha, Cawnpore, Tollygunj, Surat, Karachi, Hyderabad, Madras and Beawar one each. Of the deaths from plague Cawnpore and Benares recorded 3 each; Paudharpur and Coimbatore 2 each,

(B) *Indian States*.—Amongst the Indian States shown in this statement, there was no town which had a high death rate of 50 or over per thousand of the population.

In 17 towns of the Indian States there was one death from smallpox recorded in Bhopal City; and 3 deaths from plague of which 2 were recorded in Mysore City and the other in Bangalore City. Cholera was absent during the week.

E. COTTER, Colonel, I.M.S.,  
Public Health Commissioner with the  
Government of India.

## GOVERNMENT OF INDIA

## DEPARTMENT OF COMMUNICATIONS

## INDIA METEOROLOGICAL DEPARTMENT

*Memorandum on the probable amount of rain and snow in north-west India in January, February and March, 1947.*

It is possible in some years to form a rough estimate of the probable amount of winter precipitation in north-west India during January to March from certain antecedent atmospheric conditions in different parts of the globe. The factors which act as guides in this matter are, in the order of decreasing reliability, the following :—

- (i) December rain in the western region comprising Kashmir, the North-West Frontier Province, Baluchistan and Iran.
- (ii) Mean pressure in December in South America.
- (iii) December rain at Port Blair.
- (iv) The westerly component of the upper winds at Agra at a height of 3 to 5 miles (September second half and October first half).

Information regarding item (iii) has not been available from 1942 and hence the following inferences are based on a formula with the other three factors only.

## 2. DIVISION " NORTH-WEST INDIA ".

In this memorandum north-west India is taken to consist of the western Himalayas, the United Provinces, the Punjab, the North-West Frontier Province, Sind, Rajputana and Gujarat. In as much, however, as the rainfall in March in the United Provinces is said to be prejudicial rather than favourable to the crops, this rainfall is not taken into consideration.

## 3. DATA.

The relevant data for the present season are :—

- (i) *The conditions in Iran and north-west India.*—The total rainfall in Iran, Baluchistan, the North-West Frontier Province and Kashmir was in slight defect in December. Snowfall in the western Himalayas in December was slightly above normal.
- (ii) *South American Pressure.*—Pressure was 0·8 mm. below normal in December.
- (iii) *The high-level winds over northern India.*—The westerly component of the upper winds was very weak at Agra.

## 4. CONCLUSION.

Of the above factors, western rain is slightly unfavourable and the remaining two factors are very unfavourable.

This year all the three factors are unfavourable and indicate that the winter rainfall and snowfall (combined) in north-west India for the period January to March 1947 will be below average.

NEW DELHI ;  
The 14th January, 1947. }

K. R. RAMANATHAN,  
Offg. Director-General of Observatories.

M. H. ZUBERI,

*Secretary to the Government of India.*

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